## INTERNATIONAL SEARCH REPORT

Internation Application No PCT/FI 03/00482

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 D21G9/00 D210 D21G1/00 D21G7/00 Rec'd PCT/PTO 17 DEC 2004 According to International Patent Classification (IPC) or to both national classification and IPC Minimum documentation searched (classification system followed by classification symbols) IPC 7 D21G Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Χ US 4 642 164 A (KALLIOLA LAURI ET AL) 1-28 10 February 1987 (1987-02-10) column 3, line 6 - line 51; figure 1 abstract US 5 065 673 A (TAYLOR BRUCE S X 1-28 19 November 1991 (1991-11-19) column 8, line 11 - line 29; figure 1 abstract US 5 163 365 A (TAYLOR BRUCE S) 1-28 17 November 1992 (1992-11-17) abstract Α WO 01 75224 A (HEIKKINEN ANTTI ; LINNONMAA 1-28 PEKKA (FI); METSO PAPER INC (FI); PIETI) 11 October 2001 (2001-10-11) abstract Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or other means ments, such combination being obvious to a person skilled in the art. document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 2 1 OCT 2003 29 September 2003 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 NINA BERGSTROM / ELY

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